

Product Datasheet

EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free NBP1-84940

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-84940

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-84940



NBP1-84940

EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

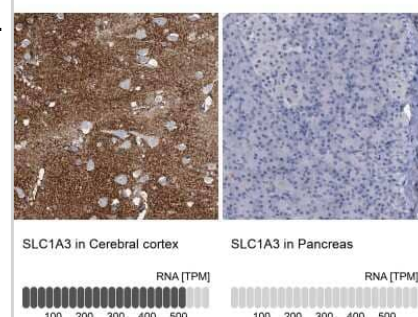
Host	Rabbit
Gene ID	6507
Gene Symbol	SLC1A3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NGEEPKMGGRMERFQQGVRKRTLLAKKKVQNITKEDVK

Product Application Details

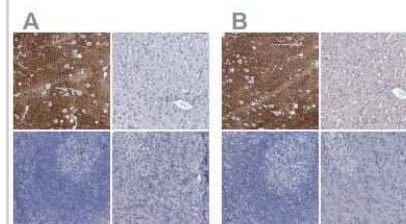
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

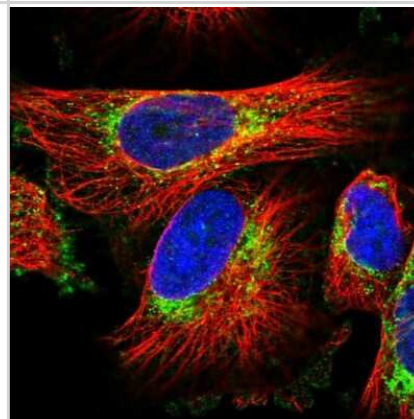
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Analysis in human cerebral cortex and pancreas tissues. Corresponding SLC1A3 RNA-seq data are presented for the same tissues.



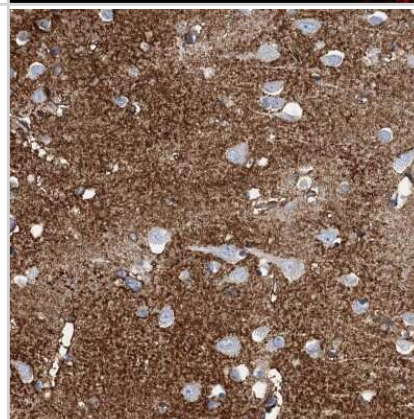
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex, kidney, skeletal muscle and thyroid gland using Anti-PDIA3 antibody (A) NBP1-84940 shows similar protein distribution across tissues to independent antibody NBP1-84939 (B).



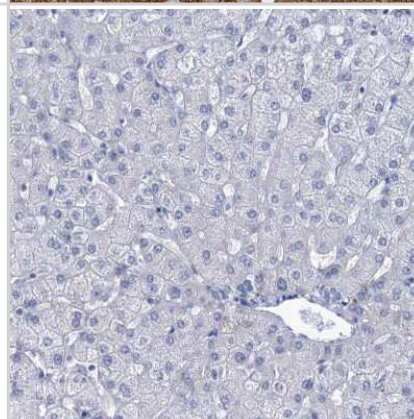
Immunocytochemistry/Immunofluorescence: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



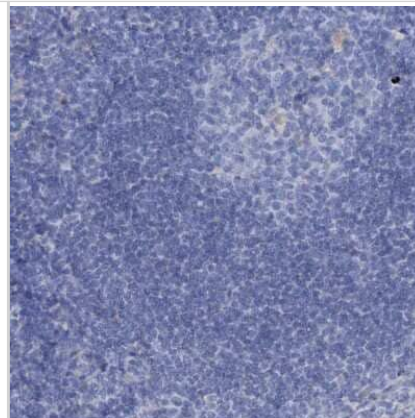
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



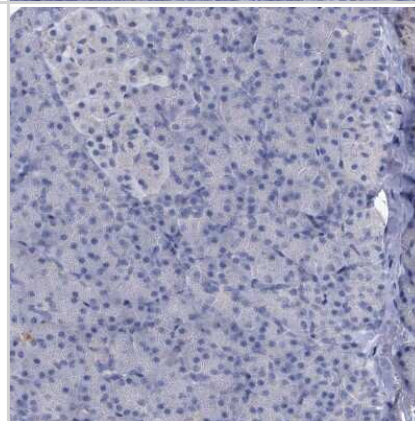
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human liver shows no positivity in hepatocytes.



Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human lymph node shows no positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-84940

NBP1-84940PEP	EAAT1/GLAST-1/SLC1A3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-84940

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

